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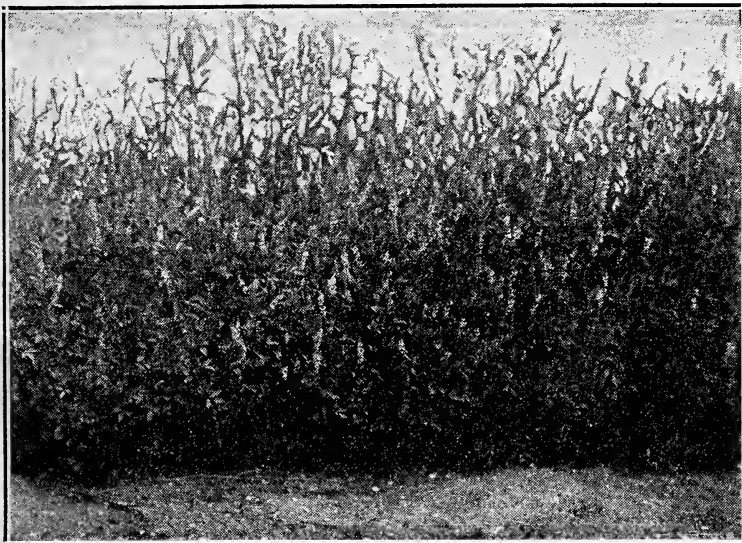


# 6227 FIELD'S SEED SENSE

Printed and Published in the Private Printshop of the Henry Field Seed Company, Shenandoah, Iowa

Vol. 7 (1910) Shenandoah, Iowa, September, 1921

No. 6



## 11 Weeks Growth of Hubam On Our Grounds

This will give you a good idea of the rapid growth of Hubam, the wonderful new Giant Annual White Sweet Clover. This shown in the picture was sown on June 18, and was photographed on September 6, about 11 weeks later. It is about 3 feet high or possibly more, and is a thick leafy growth in full bloom. It would be in fine shape to cut for hay at this stage and would make an enormous yield. Or it would be fine to plow under. Ordinarily I do not advise seeding it this late. It makes the biggest growth if seeded very early, but this shows that it can be sown as a catch crop or cover crop as late as July with good success. This started blooming at 9 weeks old.

## A Cinch for Beekeepers

The new annual sweet clover, Hubam, comes the nearest being a Cinch for the beekeepers of anything I have seen yet. Bee men all over the country are going wild over it for it blooms steadily from June till frost.

Ours seeded about April 1 commenced blooming about the middle of June and has been in constant bloom all the time since. And now, although the plants are loaded with ripe seed they are still covered with blooms and the bees hard at work.

A noted bee man was here to see us the other day and after looking over our fields and the bees that were at work he said he was going to go back home and sow his whole place to Hubam and double the size of his Apiary.

You beekeepers just imagine what it would be to have a constant and abundant honey flow from June 15th until frost—all the bees could possibly use and the very finest quality.

The honey made from Hubam is absolutely the finest I have ever seen. I had a sample of it with me at the State Fair and showed it to the exhibitors there and they were unanimous in their opinion that it was superior to any honey on the market.

It is somewhat similar to the best alfalfa honey but lighter in color and milder in flavor.

We have about sixty colonies in our Hubam field and every bit of the honey so far would grade extra fancy.

If you keep bees you should by all means buy a few pounds of seed or a lot of it according to how much room you have, and plant it for your bees.

Of course Hubam is extra valuable as a land improver, and for hay and pasture and as a seed crop. But it would be worth sowing for the bees alone even if you made no use of all its other great values.

Bee keepers should encourage neighboring farmers to plant Hubam and should also plant a lot of it themselves. It can either be sown broadcast or planted in rows. If you only have a small amount of it and want to get the best possible growth and the biggest possible crop of honey and seed I would plant it in rows. The seed this year will cost you \$2.00 a pound and if drilled in rows two pounds are abundant for an acre. Our crop this year was made on one pound of seed per acre but if I had it to do over again I would use two pounds.

## Hubam \$2.00 Per Pound

At last, Hubam is down now where everyone can buy it. It is \$2 a pound.

This is for guaranteed genuine pure seed of our own growing and grown direct from the original fifty seeds we got from Prof. Hughes.

It has been inspected, rogued and watched from start to finish and we can absolutely guarantee the purity and quality of it.

If you drill the seed in rows use 2 pounds of seed per acre. If you broadcast it or drill it in real narrow rows, use more seed, anywhere up to ten pounds per acre.

The State College at Ames got a good stand using all the way from 4 pounds to 20 pounds of seed per acre broadcast, with small grain. But they advise 8 pounds to 10 pounds as the ideal amount.

For a small acreage, however, I prefer to put it in rows and cultivate it, either in 14 or 16-inch rows to be tended with a wheel hoe or in corn

row width to be tended with a cultivator.

We have a good supply of the seed but the demand is enormous and would advise you to send your order in early so as to make sure of your seed.

If you want a big quantity, write us for special prices.

## Hubam Honey For Sale

We can supply you with the finest honey you ever saw, made from our Hubam Clover, new crop, light color, delicate flavor and indeed, absolutely fancy in every way. The price is 25c per pound in either 5-pound or 10-pound pails, that is a 5-pound pail for \$1.25 or a 10-pound pail \$2.50. This is clear, extracted honey. We have some comb honey but it is practically impossible to ship it. But the extracted honey can be sent nicely by express. Will be glad to have your order.



### A Wyoming Roughrider

This is Weller Bishop, Jr., son of Mr. and Mrs. Weller Bishop of Green River Wyoming, and his pet pig. The only trouble I see with the deal is that the pig is the wrong color. He looks to me like he might be red, and he ought to be spotted of course. Maybe Weller can sell him when he gets big though, and buy a spotted one. If Weller sticks to it and does as with hogs when he grows up he will make a good farmer. It pays to keep hogs tame and contented like this one looks.

### Columbia Records at Half

#### Price

We are closing out all of our enormous stock of Columbia Phonograph records. We have something like 7,000 of them on hand, brand new records, and a good assortment of subjects. They are guaranteed to be absolutely all right in every way.

We want to close them out quick and the surest and best way to do it is to make a price that will move them and move them fast.

So we have decided to sell them at exactly half price. The regular 10-inch, 85c records, we will sell at 42½c each. Records that sell for \$1.00 will sell now for 50c. The big records that sell for \$1.50 will sell for 75c. Practically everything is in the 10-inch 85c size, and sells now at 42½c.

On orders for new records or more we will prepay the postage or express. On orders for less than ten records allow postage if you want them sent by mail.

We will send you complete list of subjects on application or if you wish us to do so we will make a selection for you using our judgment of what would suit you. But of course we would want you to give us some idea of what class of records you like.

Order quick for the records won't last long at this price.

### Fall Planting of Strawberries

This is one fall when I believe you can plant Strawberries if you so desire.

Ordinarily I am not very enthusiastic about planting Strawberries in the fall, but with the ground in such good condition as it is and with plenty of moisture everywhere, I believe you could do first rate planting Strawberries between now and frost.

Our Strawberry plant beds have made a wonderful growth and we have the biggest, heaviest plants we have ever had. We are willing to dig and ship them any time now and will guarantee safe arrival.

I will not guarantee that you will make a success planting in the fall, but with the ground in the condition it is, you have a pretty good chance. I strongly advise the planting of the Progressive Ever Bearing, as they will make you a splendid crop next summer from plants planted this fall.

PRICES: For delivery this fall during September, October or November, we will make the following prices on genuine Progressive Ever Bearing, from our own beds: 25 plants 75c, 50 plants \$1.40, 100 plants \$2.50, 200 plants \$4.50, 300 plants \$6.50, 500 plants, \$10.00.

These prices are all postpaid by parcel post, safe delivery guaranteed. Ask for special prices on larger amounts. These plants are guaranteed genuine Ever Bearing or we replace them two for one.

Our Progressive Ever Bearing are in full fruiting now and will be up to heavy freezing weather. If you get around this way, stop and see them. Or, if you are thinking of planting some of them and doubt if there is such a thing as the Ever Bearing or fall bearing berry, we will be glad to mail you a sample bunch of berries to show you that they are actually bearing right now, if you will send stamps to cover the cost of mailing.

### Phonograph Bargains

If you have any notion whatever of buying a phonograph, ask us for prices before you buy.

We are discontinuing the Phonograph Department of our business and closing out the machines we have on hand at about half price, regardless of what they cost us. We have some fine machines on hand of practically every size and model we have been carrying. The original selling prices ranged from \$80.00 to \$200.00 and we are selling them now at just about half of those prices.

We can furnish you either the Shenandoah or the Columbia.

Let us know if you are interested and we will try and fix you out.

### Order Sorghum Now

Remember we have the finest Sorghum syrup we have ever had, at \$1 per gallon.

### Other Fruits For Fall

#### Planting

I do not think there would be anything gained by setting out Raspberries, Blackberries, Gooseberries, Grapes or similar fruits in the fall. I really believe you had better wait until spring for them. You should by all means, however, set out Asparagus and Rhubarb in the fall if you have the ground ready for them. Of course, they will grow all right planted in the spring, and most people plant in the spring, but they do very nicely planted in the fall. We will be glad to furnish splendid plants of either one at the same prices quoted in our last spring catalog, large Rhubarb roots at \$1.25 per dozen, smaller ones at \$1.00 a dozen, postpaid.

The Asparagus plants will cost you \$2.00 per 100 for two-year plants or \$1.50 per 100 for one-year plants. In larger quantities slightly lower, in smaller quantities slightly more.

Two things that really ought to be planted in the fall by all means are Peonies and the Dutch bulbs, such as Tulips, Hyacinths and Narcissus. The Peonies can be planted in the spring but do much better planted in the fall. The Dutch bulbs absolutely must be planted in the fall. They can not be planted in the spring at all.

Iris also does well planted either fall or spring.

You will find a complete price list of all of these things in another part of this same book.

### Shenandoah's Golden

#### Jubilee

Those of you who live within driving distance to Shenandoah better make your plans to visit us on October 12, 13 and 14. Our city will be fifty years old and a big celebration is being planned for each of the three days.

Wednesday, October 12, will be Old Settler's Day. Thursday, Military day and Friday, Golden Jubilee day. The governor of Iowa will be here and one of the big men in the cabinet at Washington will also give the principle addresses. On Friday night we will have a big pageant in which over 500 will take part. All free, too.

Besides the other attractions at that time, we will keep open house in our various buildings, sorghum and hog farms, so be sure to drop us a card that you will visit us. We are proud of our city and of our business. So come here and share the Jubilee with us.

### Plant These Now

Order and plant now, Peonies, Iris, Hyacinths, Narcissus, Crocus, Strawberries, Asparagus, Rhubarb and Kansas Wheat. You will find all these priced elsewhere in this book.

## Back In School Again

We have moved back from the country and the children are in school again. We would have liked to stay in the country clear to Thanksgiving, but there are 5 children in school and it was too much work getting them back and forth and putting up dinners and so on and we had to move into town.

Josephine is in high school and doing nicely. She is 15 now and quite a young lady. Jessie, who is 13, is in junior high, and Mary, who is 11, is pretty well up that way. Ruth, 8, and Georgia, 6, are doing nicely in the lower grades but John Henry hasn't started to school yet. He is "most 5" and could go to kindergarten, but he is going to wait till Letty can go with him, for she would be terribly lonesome at home without him. They are inseparable, but to tell the truth, Letty bosses him pretty bad. I guess John Henry thinks it isn't nice to fuss with a lady and Letty knows it.

Letty is just 3 now and a very important small girl. She is a pretty good girl most of the time, and minds her father when he is in earnest and means business.

Of the older children, Philip and Hope are going to college at Ames this winter. Philip will take the 2-yr. Ag., and Hope the 4-year Domestic Science. Both of them have been working and have most enough money saved up to take them through, or at least part way through.

Faith and Frank are both married and living here in town. Faith has a little boy of her own and Frank has a boy and a girl. Some day I will have to round them all up and have a full family group taken. When we do I will put it in Seed Sense so you can see what we all look like. This picture alongside is Ruth and Georgia and John Henry, and Letty in their everyday clothes.



## Did You Meet Us At The State Fair?

Of course we were at the State Fair and very likely we met you there. I mean the Iowa State Fair. We didn't get to attend all the State Fairs because we were so busy that we could not take time to go to all of them. But of course we went to the Iowa State Fair and occupied the same booth we have had for seven years.

If it didn't take so much time and work I would like to attend all of the State Fairs in our part of the country, especially the ones in Missouri, Nebraska, Kansas and Illinois, in addition to the Iowa State Fair, but it just seems like we can't get away to go to all of them, maybe some day we can.

Anyway, we had a nice time at the Iowa State Fair, met thousands of our customers, got acquainted with lots of new people, and had a good time all around.

We didn't show any of our hogs but I got down to the hog exhibit long enough to buy the Junior Champion and he is sure a beauty. Come and see him some day.

We camped up in the Camp Grounds. We had two tents, and one of the boys from the Seed House to do the cooking, and we got along fine.

At the booth the principal things people were interested in were Hubam, Kanred Wheat, the Redhead Tomato and Alfalfa. They kept us busy

talking about these all the time.

Be sure and come and see us at the State Fair next year. We will be in the same place again.

## Our Junior Champion

We bought the Junior Champion Spotted Poland China boar at the Iowa State fair and expect to have him on exhibition at our sales on September 20th and November 2nd.

If I am any judge of pigs he is certainly a beauty. The judges evidently thought so too for they gave him, besides Junior Champion, first on Senior pig, first as head of young herd, and first as head of young herd bred by exhibitor.

His breeding is a blend of a number of popular blood lines running back among others to King of England, Kig Lear, Arbosa, Lawson's Kirk, Merry Widow and Buckeye Boy. He carries a little English—just about the right amount in my opinion. Stands high up on his feet, is perfect color, has plenty of size and length. Come and see him. I am not telling you what he cost me—you might think I was foolish. Whatever it was he will pay it back and more, too, for he is the kind that makes good.

## Kanred Wheat

I never saw any new small grain so absolutely and universally popular as Kanred Wheat. We talked to dozens of farmers at the State Fair who had grown it this past year and with-

out exception they were very enthusiastic about it and most of them reported yields about 50 per cent better than their other kinds of wheat. I knew it had been turning out that way for us here in southwest Iowa but I didn't know for sure how it was doing in other parts of the state. But from all over the country comes the same report.

One man from western Kansas said it made 28 bushels per acre there where the regular Turkey Red made less than 10 bushels. A man from Minnesota told about the same kind of a story. All over Nebraska it made an enormous gain in yield over the ordinary Turkey Red. You understand it is Turkey Red type but a little earlier, a little stiffer straw, and so far apparently entirely free from disease or rust of any kind. It's big increase in yields is due quite largely to it's freedom from disease. It looks just like a good quality of Turkey Red—hard and red with plenty of gluten and good milling qualities.

It was put out recently by the Kansas State Agricultural college and was raised by them from a single selected head of wheat with which they started about 10 or 12 years ago. All the Kanred in the world is from that single head and is all just alike.

We are selling the seed at \$2.00 a bushel and anybody can afford to buy it. We have got genuine certified seed from fields yielding over 40 bushels per acre and can make prompt shipment. Send along your order. Get in line on this wheat.

# Out of Our Letter Basket

## The Conglomeration

"In one of our orders you sent one of the packages of conglomeration and what I got out of it was everything, peas, beans, radishes, lettuce, sweet corn, cabbage, turnips, beets, one stock of Alfalfa, sunflowers, tomatoes, and one pumpkin vine. It has about ten pumpkins on it, one of them will not go in a milk bucket and I have one squash. Thank you. Your dear friend."

—Ruby Keller, Chase, Kans. Rt. 2

## Likes His Pig

"You will please enclosed find check of \$50.00 for the Spotted Poland China male pig we got of you last week. He seems to be a good typey pig and when matured ought to make a big hog. We have him with a few of our Spotted pigs and he seems to enjoy it."

Thanking you for past favors and wishing you the best of success."

Yours for better "Spots"

—Frank Schlotterback & Sons, Atkins, Iowa.

## Gladiolas

"I purchased your collection of Gladiolas this spring. They are in flower although we have had no rain for five weeks. The blooms are wonderful, all colors and all shades. Some of the flowers are five inches across. Also planted the bubblet collection. Three of the bulbs produced dark red flowers. In spite of the dry weather, 118 of the bubblets have grown. Yours truly,"

—H. M. Andrus, Comstock, Mich.

## Good Luck With Pigs

"I want to write you a few lines about our boars. We are selling them fast. Sold one a few days ago, and another this morning, and this one was third choice out of eight, and you can see I have just endorsed the check to you in payment on the one I bought of you. I am proud of my start in the Spotted Polands. I think they are the only hogs and I want to thank you for sending me the hog so promptly, and I am trying to be just as prompt with the cash."

Respectfully yours,"

—S. S. Burton, Nortonville, Kans. Rt. 3

## A Fine Sow

"Dear Henry Field & Company: My sow English Bud II, came Sept. 2nd at eight in the morning and I got her at six o'clock in the evening and at eight o'clock she farrowed eight nice Spotted Babies, but lost one fine male pig. It seemed to just barely be alive when born and all that I and my husband could do, we could not save the little fellow."

We saved seven, five females and two male pigs, and I don't know who thinks the most of the sow, I or my husband, as he was up most all night to save the sow and pigs."

All our neighbors are calling me up on the phone asking about my sow and pigs as they heard me call the veterinary how to care for her while farrowing. And they are all coming to see them as no one has spotted hogs around these parts. I have even been asked what I'd take for some pigs, but haven't decided on how much they are really worth yet. I'd say she and babies are some fine hogs."

Will likely buy a male right away or in the spring at least. I remain,  
Yours very truly,"

—Mrs. J. N. York, Greensburg, Kansas

## A Delaware Booster

"Gentlemen: This is not as large an order as I have sent in former years, but believe you will receive some other Delaware business, as I have recommended your seeds again to several farmers. Two of the above orders are repeat orders from satisfied customers of last year. Am planning on an alfalfa tour of the country and will visit 200 acres planted with "Field's Seed," which has more than made good here. Sincerely yours,"

—County Agent Delaware.

## Got No Cabbage

"Dear Sir: I guess you think that I had forgot you. I have got no cabbage this year. I didn't get my seeds of you. I had better sent and got it of you. I bet next spring I will not get fooled like that."

I want the price of your Everbearing Strawberry plants that you have.

All my seeds that I got of you, they just come fine."

—Lewis Sidenstick, Xenia, Ohio. Rt. 10

## A Prize Winner

"Dear Sir: Received hogs I purchased of you O. K. I just came home Saturday from a week at Lafayette Fair, where I won 5 firsts, 3 seconds, and one third on 5 entries. I won first and second on the two largest pigs I bought of you."

Have sold all my surplus boars but two. I have one or two more offers in view.

Thanking you for your prompt shipment of hogs, I remain yours for better Spotted Poland China hogs."

Yours,

—Clarence Nelson, Victoria, Illinois.

## Montana Alfalfa

"Dear Sir: I have a 14 acre alfalfa field that I am letting go to seed and some people that have seen it tell me it is Grimm. So thought I would write to you and ask if there was any way telling what variety it is. Its blooms vary from pure white to a light purple. I bought the seed from you in 1917."

We had a very dry spring that year and I got a very poor stand and we have had three dry years since then and one severe winter that killed a large per cent of the alfalfa in this vicinity. But this has withstood both the drouths and hard winters and has thickened up until there is a fine stand. So I know it must be some very hardy variety. Yours truly,"

—Roderick Finlay, Nashua, Montana

## Believes Good Seed Pays

"Dear Friend: Walter Germann is my son, who is married and owns a 160 acre farm 2½ miles from Fairview. Last spring he rented the farm for one year and packed up his family and went to California for one year. They will be back on the farm again by March 1st."

In this connection I wish to mention a little incident. When Walter commenced farming I wanted him to send for some of your "Shenadoah Yellow" seed corn, but thought it cost too much. So I included ½ bu. in my order and made him a present of it. I told him to plant it separate so it would not mix with the other corn and he had just splendid luck. He got a nice lot of corn from it. He has kept it pure ever since and sells quite a little for seed. He said, "Papa, I believe it does pay."

Yours truly,

—John J. Germann, P. M., Fairview, Kans.

## Beans in Montana

"Dear Mr. Field: I've been canning beans and before I forget it, I'm going to tell you how nice I think your Round Pod Kidney Wax beans are. Everyone admires them and the quality is absolutely perfect. I never had such nice ones before."

All the other things are growing fine too, and I'm going to try and send an order for bulbs soon. Your friend,"

—Mrs. Joseph Richards, Route 2 Box 62 Hamilton, Mont.

## The Conglomeration

"Dear Sir: The children's package of mixed seeds sure was fine. I am nine years old. I planted it in mamma's garden. I have 21 tomato plants, 3 cabbage plants, 4 watermelons—two of them were striped and the other two were dark melons with white seeds. They sure were good. I have one squash and one pumpkin, some beans, corn, turnips, and muskmelons. Yours truly,"

Mary Alice Pace, Tina, Mo.

## Garden Fine in Spite

### of Weather

"Dear Sir: I am writing you just a word or two to say that we sure are glad that we got our garden seed from you."

They did fine, even at the great disadvantage we had and still have as fine a garden as there is around here any place."

Your peanuts are sure some growers. I have two fine patches, Jumbo and Early Northern."

You will sure get to send us the garden seed we need next year. Yours respectfully,"

—Herman L. Smith, Rt. 1. Tarkio, Mo.

## Alfalfa

"Gentlemen: I thank you for the recent letter about the Grimm alfalfa seed, but do not think I will sow any more alfalfa this year, as I have about all I can take care of. I sowed the Dakota No. 12 you sent me the 6th of April and clipped it about May 30th, getting a little over half a crop. I got a fine stand and if it holds out, think I will like it very much. I also have a patch of Grimm that I am trying."

I can't say now when I will need any more, but when I do I will correspond with you about it. Yours truly,"

—W. C. White, Cadiz, Ky.

Pres. Cadiz Railroad Co.

## Stock Beets

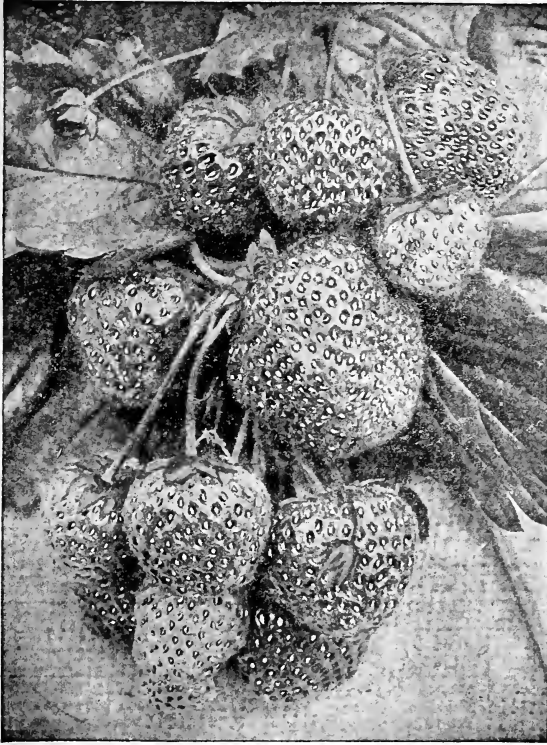
"Friend Field: I am in trouble again. Last spring I got some of your stock beet seed just to try them, now I have a crop of stock beets coming on that will make several tons. They are about the size of a joint of stove pipe and what I am wondering is what I am going to do with them?"

We will be able to use them all for milk cow feed, but how shall we keep them? We have no root cellar and the house cellar is not large enough to store them."

Would it be all right to dig a pit and put them down like the old timers did potatoes? If so, would you put them all in one pit or scatter them some so as to be able to open and use some during the winter weather? They have beat anything I ever seen for making size. Yours truly,"

—G. C. Coleman, 21st & Walnut, Leavenworth, Kansas.





## **The Progressive Everbearing Strawberry**

### **Best of All Berries**

The Everbearing strawberries are now admitted by all to be the best and most satisfactory fruit for every one, and the Progressive is the best of all the Everbearers.

### **Special Reduced Prices on Everbearing Strawberry Plants**

For next spring we are making lower prices on Everbearing strawberry plants than we have ever made, and they will be the best plants we have ever had. Our own growing, from new beds on new ground, and guaranteed genuine Everbearing or I will replace them 2 for 1. Orders should be booked now for spring delivery.

### **New Prices for Spring 1922**

300 plants for \$5.00, 100 plants for \$2.00, 50 plants for \$1.10.

## **Fall Planting of Everbearers The Everbearing Strawberry**

Every fall we are overrun with letters from people wanting to put out nursery stock in the fall, and especially strawberries. Heretofore, we have refused to sell any nursery stock in the fall, except of course the flowers, like the Peonies and Iris, and such as that.

We will not have any Senators or Aromas this fall, but if you want to try some Progressive Everbearings this fall, we can supply them at the following prices, shipment any time after Sept. 15. (25 for 85c, 50 for \$1.50, 100 for \$2.75, 200 for \$5.00, 300 for \$7.00, 500 for \$11.00, 1,000 for \$20, all by mail postpaid. Larger lots to big, and red and sweet and juicy, go by express at \$15.00 per thousand. Real strawberries.

### **Has Made Good**

There can be no possible doubt any longer about the Everbearing Strawberries. They have made good, and then some. If you have been putting off planting them, waiting for them to show whether they are a good thing or a fake, you don't need to wait any longer. They have proved the last four seasons that they will bear all summer every summer, from earlier than the others till the ground freezes in the fall. Ripe berries, green berries, and blossoms all the time. And the best berries you ever tasted, all by mail postpaid. Larger lots to big, and red and sweet and juicy.

## **Trnth About Everbearers**

You will still find some people who insist that there is nothing to the Everbearing strawberries, but they are generally people who have never grown them themselves nor seen them growing. Any one who has actually seen them growing and bearing is convinced once for all. There is no more argument then.

Two years ago we sold about 1,100,000 plants. Last spring we sold 1,600,000 plants. Next spring we expect to sell over 2,500,000. And remember, these are not big wholesale orders to dealers, but planting orders sold direct to the farmers and gardeners. I do not think there is a firm in the country who sells anywhere near as many Everbearers direct to the planters as we do.

We have always refused to sell to dealers and agents to be resold or peddled out. It isn't safe. We can't be there to make sure that our true stock reaches the man who plants it. We learned one year of an agent who got 200 plants from us, sold several thousand, filled the orders with any old thing, and showed our label to doubters to prove that he bought plants of us. Got us into a peck of trouble with his customers when the plants he delivered refused to bear.

Now, if any agent or dealer tells you he is buying plants from Henry Field to fill his orders, you make him show his papers. It is practically certain that he is stinging you.

### **Everbearing Strawberries**

"I must tell you how we like the Everbearing Strawberries. I must say they are the only berry for me. Last spring I was trying to decide what kind I wanted and I read a letter one woman wrote, who said that when you sent out your plants you ought to send someone to pick them. I must say it is just that way.

In March I sent for 150 plants, put them out the middle of April and all through July and up until August 6th, I picked them every other day, and I would get enough for two or three pies every picking. Words cannot express how I am pleased with my Everbearing Strawberries and we have had some dry weather on them too. So please write and tell me whether to thin them out or what to do with them. Respectfully,"

—Mrs. Oliver McCracken, Elemington, Mo.

## **Strawberries and Tomatoes**

"Dear Sir: Will you tell me which is the best time to take the runners off of strawberry plants and set them out? I got a 100 plants from you this spring and never lost a plant. The second berries are setting on now. I like all the seeds I get from you. The Redheads are the best tomato that I can find. Yours,"

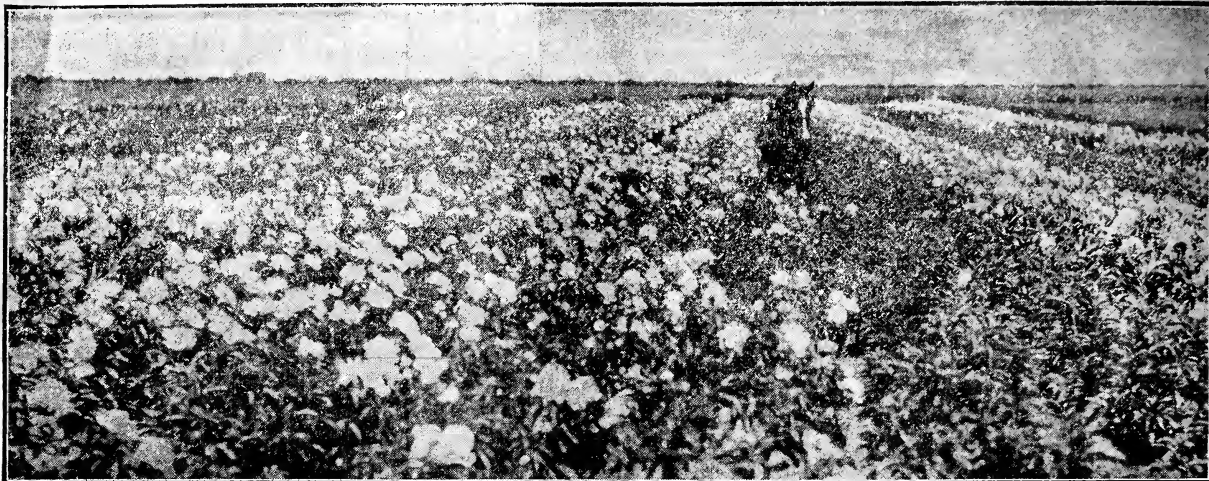
—C. E. Merrill, Rushville, Missouri

### **Gladiola Bulbs**

"Dear Company: You say 'If you are suited, tell your friends, if not, tell us.'

Well, I am suited, but I want to tell you also. In the spring I ordered 60 Gladioli bulbs of you for I had never had any to bloom. What I want to say is, out of the 60, everyone grew and 55 have bloomed—all colors and so fine. I never saw anything prettier. My neighbors are also delighted with them. Your friend."

—Mollie A. Brown, Pendleton, Indiana



## Peonies in Bloom on the Seed House Grounds

We have several acres of them and hundreds of different varieties. Notice they are all blooming, too. We grow the kind that will bloom every year. How would you like to be turned loose in this patch of flowers?

## Plant Peonies This Fall

Of course you can plant peonies in the spring if you want to. There is no law against it. But if you really want to have success with peonies, the time to plant them is in the fall, especially in September and October. They are practically certain then to live and bloom, and they will be pretty sure to bloom next spring too, which would not likely be the case if planted next spring.

I don't know of any flower more satisfactory to plant than peonies. They are sure to live and grow, they will bloom anywhere and for anyone, and they live forever, getting better with age. They have no disease and no insect enemies; they are big, beautiful, and fragrant. They bloom in time for memorial day. A single clump of them on the lawn is a beautiful sight, and a big bed of them is finer yet.

Just notice the picture above showing mine in bloom at the seed house. Did you ever see anything finer? I have probably the finest collection in the country. They are worth coming hundreds of miles to see. I have the varieties that bloom every year. I can give you any color you want. If you love peonies, let me fix you out with a start of really good varieties. You will find a long list of them in the catalog and in the last September Seed Sense. Study over the list. Besides I have over 200 kinds not listed there. I can give you any kind you want. Considering what you get for your money there in no flower so cheap as peonies. You can buy them from 35c up, for good plants.

I never felt that money spent for flowers was wasted. It is money well spent, for there is nothing that gives so much pleasure and happiness in the world. Some one has said that the peony is the flower for the million and for the millionaire. The millionaire could buy nothing finer, and the millions could all afford to buy them.

If you have been promising the wife some flowers to fix up the front yard, now is the time for you to make good. By spending a few dollars for the looks of the place, to say nothing of the pleasure it will give the wife and the girls.

We are making some very attractive offers. For instance, we are selling them in mixed colors as low as 20c each in large lots, or in a small way, at \$3 per doz. postpaid.

### Peonies—Mixed—All Colors—30c Each

We have always more or less mixed Peonies on hand. Stakes lost, labels get torn off, and so on. Good stuff, but we don't know what it is. Here is what we can do on them. 30c each; \$3.00 per doz., \$20.00 per 100— all postpaid.

### Red Peonies Postpaid

<i>Alice Boyd.</i> Beautiful crimson, fringed center	50
<i>Bessie Mehan.</i> Crimson tipped with white	50
<i>Crimson Queen.</i> Solid intense crimson, blooming in clusters	50
<i>Eureka.</i> Rosy crimson. A double decker or two story	50
<i>Felix Crousse.</i> A big, beautiful, glorious red. Best red of all	1.00
<i>General Hooker.</i> (Terry). Very large bright crimson	50
<i>Lamartine.</i> Good red, outer petals fading to white	50
<i>Latipetala Rosea.</i> Rose, whitish center	50
<i>Lizzie.</i> Good red	50
<i>Louis Van Houtii.</i> Dark crimson	50
<i>May King.</i> Extra deep dark red, early peony, which we introduced a few years ago. Blooms about ten days to two weeks earlier than any other peony	1.00
<i>Mons Crousse.</i> Dark red, good for cut flowers	75
<i>Mrs. Cleveland.</i> Purplish red, edged with white	50
<i>Olive Logan.</i> Outer petals purplish rose, center light	50
<i>Pottsii.</i> Dark red, semi-double	50
<i>Rebecca.</i> (Terry). Tall purplish rose and white	50
<i>Rose Frangans.</i> Rose color, large, full, double	50
<i>Victor.</i> Crimson with lighter stripes	50

### White Peonies Postpaid

<i>Alfred.</i> (Terry). Semi-double, purplish rose edged white	50
<i>Asa Gray.</i> Free blooming, light pink	75
<i>Bryants White.</i> Large, double, pure white	75
<i>Duc de Wellington.</i> White, sulphur center	50
<i>Festiva Maxima.</i> Large, white, pink, tinted center	75
<i>Floral Treasure.</i> Blush pink, very large	50
<i>Duchess de Nemours.</i> Sulphur white	50
<i>Mrs. Douglas.</i> Pure white	50
<i>Magnifica.</i> Very large bloom, white with creamy center	50
<i>Mont Blanc.</i> Late white, center slightly rose tinted	50
<i>Prince of Wales.</i> Purple edged with silvery white	50
<i>Queen Victoria.</i> Open up blush pink, turns white	50
<i>The Bride.</i> White, tinted flesh pink	50

### Pink Peonies Postpaid

<i>Centripetala Rosea.</i> Pink, good bloomer	50
<i>Charlamagne.</i> Light pink	50
<i>Edulis Superba.</i> Early rose pink, one of the best	60
<i>Ella Adams.</i> Light crimson, very large, full double	50
<i>L'Esperance.</i> Rose pink, a good one	50
<i>May Queen.</i> Similar to May King, except pink instead of red	1.00
<i>Mons Jules Elie.</i> Pale rose, one of the finest	1.00
<i>Reine Victoria.</i> Rose pink, large strong bloomer	50
<i>Stella.</i> (Terry). Delicate rose, crimson center, fine	50
<i>Terry No. 4.</i> Light rose, very large	50

### Peonies—The Cream of the List—Three for \$2.00

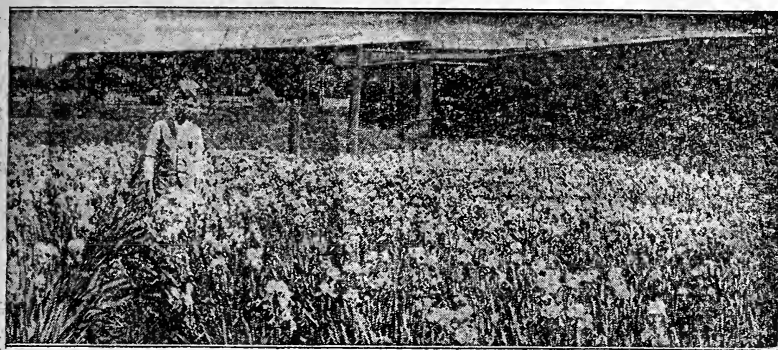
Lots of people ask me to pick out for them the very best Peonies in the list. That is hard to do, for they are all good, but here is my personal choice of all we list.

here is my personal choice of all we list.

<i>Festiva Maxima</i> (white)-----	75c each
<i>Edulis Superba</i> (pink)-----	60c each
<i>Felix Crousse</i> (red)-----	\$1.00 each

Each stands at the very top of its class. One large strong plant of each, by prepaid post to your door-----\$2.00





This is an extremely beautiful flower, and is sometimes called Flag, or Fleur-de-Lis. It is easily grown, and no garden is complete without one, and to acquire the Iris habit soon becomes a hobby that can be ridden to one's hearts content.

### Iris. Special Offer

Prices on Named Varieties of Iris. 15c each, two for 25c, four for 50c, eight for \$1.00, one dozen for \$1.50, all alike or assorted. Will be good, strong plants, guaranteed to live, bloom and to grow true to name. Also include delivery by parcel post, prepaid.

There are several different varieties of Iris, and each variety has its distinctive merit. The Iris is a sun-loving plant and will delight in a warm, well-drained soil where the roots at the surface can become hardened in the sun. They will thrive well almost anywhere, except in low, wet soils, and here the roots will decay.

And endless array of colors will greet you upon looking over a large field of different varieties of Iris, because they will vary in color, some will be rich blue and delicate yellow, and some will be claret red and bronze, others will be pure white and all colors. The Iris deserves to be better known and more extensively grown for many reasons. We must admit that when our Peonies fail us for Decoration Day, we have to fall back on the Iris, and it is a real trusty, blooming about the middle or late in May. It is absolutely hardy and will thrive in locations where the climate is hot, and again it will stand a climate where the winters are severe. It will increase and multiply and always look well whether in bloom or not. The Iris is great for lining out along a drive or side walk, and we list here after a few of the good varieties:

**Queen of the Gypsies.** The standards are old gold shaded with smokey pearl.

**Princess Beatrice.** (Pallida Dalmatica). The standards are fine delicate lavender in color, while the falls are slightly deeper shade of lavender.

**Silver King.** A beautiful pearly or silvery white. It is large and showy like Purple King, but is a direct contrast to it in color.

**Purple King.** This variety blooms right with Silver King, but color is a deep, dark, rich purple, almost black.

**Ruby Queen.** This variety is nearest to a genuine red of any variety, not a true red, but best described as a claret color.

**Queen of May.** A delicate peach blossom pink.

**Fairy Queen.** Most beautiful of all Iris to my notion and one of the most free bloomers also.

**Sans Souci.** The standards are a bright golden yellow and the falls are very thickly netted with veins and criss-cross of a common crimson brown.

**Harlequin.** Rather an odd variety, as its name indicates. Blue and white striped.

**White Swan.** A beautiful creamy white throughout both standards and falls, often four or five flowers in bloom at the same time on the same stem.

**Flavescens.** A good deal like the Siberian Iris. Flowers a brilliant violet blue.

**Orientalis.** A good deal like the Siberian Iris. Flowers a brilliant violet

**Mixed Iris:** We have several rows of Iris of mixed varieties, where we have planted the odds and ends of named varieties that were left at the end of the season or where we have planted small lots, in case we did not have enough to keep it on the list of named varieties.

**Candicans.** A good deal like the Princess Beatrice in habit of growth and coloring, but not quite so tall and flowers not quite so large.

**Berlin.** On the same order as Candicans and Princess Beatrice, only lower grading. This makes an excellent flower for vases.

**Blue Siberian.** It belongs to a different family of Iris altogether; leaves narrow, like grass; can furnish both white and blue.

**SPECIAL OFFER.** Mixed Iris of good strong plants, guaranteed to grow, \$1.00 per dozen. Remember this price includes delivery by parcel post, postpaid.



### When to Plant Iris

Iris is one flower that can be planted at any time of the year. I like best to plant it in the fall or in early spring, but really, it can be planted almost any time with a fair chance of success. It is one flower that I have succeeded in moving while it was in bloom, and you know very few outdoor flowers can be moved when they are big and in bloom.

They will grow on practically any soil. We have some on good garden soil, some on a clay fill, where we scraped dirt out of the cellar, some on rich ground and some on poor and they all seem to thrive about alike.

### Our Seeds in Tennessee

"Dear Sir: For eight years I have ordered my garden seeds, grass seeds and most of my flowers from you, and every little while I am impelled to send you a word of appreciation. Generous measure, clean seeds, prompt delivery and your helpful advice, whenever I have needed it, make up a service that is just about perfect. In short, in this day of profiteering and dishonesty in many quarters my faith in fellow man is often restored by the thought of the 'two Henrys,' Henry Ford and Henry Field.

This last spring I wondered off after false gods and ordered some lawn grass seeds from another house nearer home. The result is that my yard is filled with a creeping grass that I am told is Prostrate Spurge. How am I to get rid of it? All other grass in the yard has practically disappeared.

Remembering my success in 1914, when I started my lawn in September with your lawn grass mixture and had grass ready for the lawn mower in four weeks, I feel as if now is the time to re-sow.

I've had a splendid garden all summer in spite of a drouth that lasted through June and July. All vegetables did well. The Norseman cabbage, Evergreen cucumber, Field's Daisy muskmelon, Golden Bantam corn, and Red Head tomato were wonders.

Thanking you again for your many courtesies. Yours truly,"

—Mrs. Prudence S. Dresser, Gallatin, Tenn.

## Last Call for Tulips and

### Hyacinths

Don't forget that if you want tulips, hyacinths, daffodils, snowdrops, jonquils and the rest of the early blooming spring flowers, you absolutely have got to plant them this fall. Next spring, when you see the flowers in bloom you will wish you had planted some, but it will be too late then. You can't buy the bulbs or plant them in the spring. They are peculiar about that. They absolutely must be planted in the fall in October or November. They are very cheap, very sure to bloom and will grow for any one. I don't know of anything you buy that would give you more flowers for your money than tulip, hyacinth and narcissus bulbs. They are absolutely hardy, will live and thrive anywhere in the country and will bloom for several years from one planting. You can just plant them out this fall and then forget about them for several years.

You will find a complete price list and description of them in this copy of Seed Sense.

### Miscellaneous Bulbs

**Chinese Sacred Lily.** The National Flower of China. Blooms best in dish of water without dirt. The bulbs are enormous in size, each one often making a half dozen stalks of bloom with a dozen or more flowers on each. Very fragrant. Price, each, 25c, 2 for 45c, 3 for 65c.



**Crocus.** Either separate colors or mixed. Price, 35c per dozen, 25 for 50c, \$2.00 per 100.

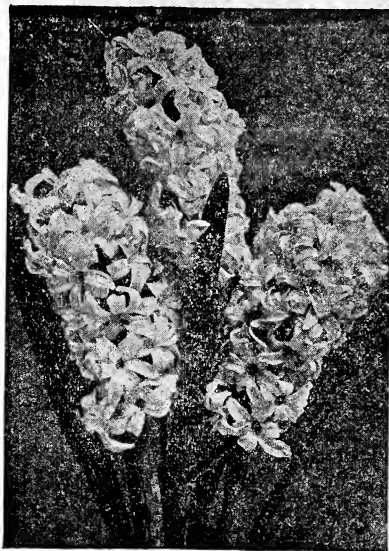
**Calla Lily.** One of the most popular and ornamental house lilies. Price, each, 40c, 2 for 75c.

### Butterfly Flower

*"The Butterfly Flower seeds I received from you I planted and they are in bloom now and are just as you described them.*

*They are very small and dainty and look very nice as a border in my flower garden."*

—Miss Grace Lorensen, Boelus, Nebr.



### Hyacinths

These are probably the best-known and the best loved of all the Dutch bulbs. They can be grown either outdoors or in the house with equal success. All varieties except the French Roman are perfectly hardy everywhere, and once set out will bloom year after year without trouble. The single hyacinths are the best bloomers and the most satisfactory.

**Mixed Bedding Hyacinths.** An extra good mixture, good-sized bulbs and good colors; all sound bulbs and guaranteed to bloom with ordinary care. They are fine for house culture, but specially intended for bedding out and at our low prices can be planted in large pots. They can be had either in mixture or in separate colors as follows: White, bluish white, red, pink, deep blue, light blue. Price: 15c each, 6 for 75c, \$1.35 per dozen, 25 for \$2.50, or 100 for \$9.00; either all alike or assorted to suit.

**Dutch Roman or Minature Hyacinth.** A smaller or earlier variety of regular Dutch hyacinths. I like them really better in some ways than the larger ones. They are specially fine to plant in flower pots, three bulbs to a five-inch pot. They come into bloom after the French Romans are gone and before the regular Dutch bedding hyacinths are ready. I had a constant show of these in my office all winter from bulbs planted in October and brought up from the cellar a few at a time, as I wanted them to bloom. These can be furnished in any color, either all alike or assorted, as follows: Pink, red, white, deep blue, light blue, yellow. Price: 12c each, 6 for 65c, 12 for \$1.15, 25 for \$2.00, 100 for \$7.50, either all alike or assorted to suit, or mixed all colors.

### Tulips



No other flower excels the tulip in pure form, brilliancy of color and effective bedding. It is equally desirable for pot culture.

**Prize Mixture Early Tulips.** In our prize mixture single early tulips we pride ourselves in offering the best mixture in this country. Over 250 choice varieties, and the largest of bulbs. Price, 55c per dozen, 100 for \$4.00.

**Prize Mixture Double Early Tulips.** Our Prize Mixture Double Early Tulips are very choice and bloom a week or ten days later than the single, excellent lasting qualities. Price, 60c a dozen, 100 for \$4.50.

**Early Tulips in Separate Colors.** Red, white, yellow, pink, striped. Price 65c per dozen, 100 for \$5.00.

**Late Tulips.** Sometimes called May tulips or English Tulips. Grows tall and large. Price, 60c a dozen, 100 for \$4.50.

**Parrott Tulips.** Also called Dragon Tulips. Choicest of all. Often six inches across. Are striped, and spotted in all kinds of color combinations. Price, 60c per dozen, 100 for \$4.50.

**Darwin Tulips.** A fine class of tall, stately tulips. All the rage now. Price, 65c per dozen, 100 for \$5.00.

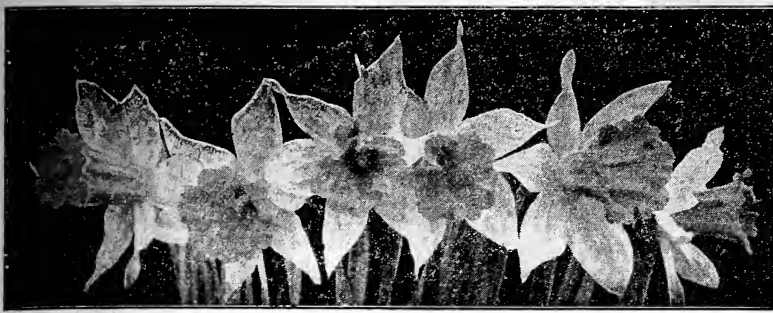
### Fall Bulbs

The bulbs and flowers listed on these pages are what is known as fall bulbs. This means not that they bloom in the fall, but that they should be set in the fall. They are all early blooming flowers, blooming as a rule in March, April and May, before other flowers come. They should be set out in October or November either out-of-doors in the garden or in pots for house blooming.

Bulbs on this page are shipped in October and December only. They can not be had in the spring at all.

### Prices are Postpaid

All bulbs on this page are sent postpaid at prices quoted.



## Narcissus or Daffodils

Narcissus or daffodils can be planted either outdoors or in the house, and are fine either way, except that the Paper White is for indoor planting only. The other kinds are perfectly hardy and will live for years out of doors, blooming every year. Plant like onions, about 4 inches deep, in the fall.

**Paper White Narcissus.** Finest of all for house culture. Can be bloomed in water like Chinese Sacred Lily or in dirt like other bulbs. Not hardy out of doors. Price, each, 8c, 3 for 20c, 75c per dozen, \$6.00 per 100.

**Emperor.** Largest of all. Price, each, 10c, \$1.00 per dozen.

**Empress.** White and yellow trumpet. Price, each, 10c, \$1.00 per dozen.

**Double Yellow Von Sion.** Fine for either house or out of doors. Price,

each, 10c, \$1.00 per dozen.

**Mixed.** All varieties and colors. Price, 8c each, 3 for 20c, 75c per dozen, \$6.00 per 100.

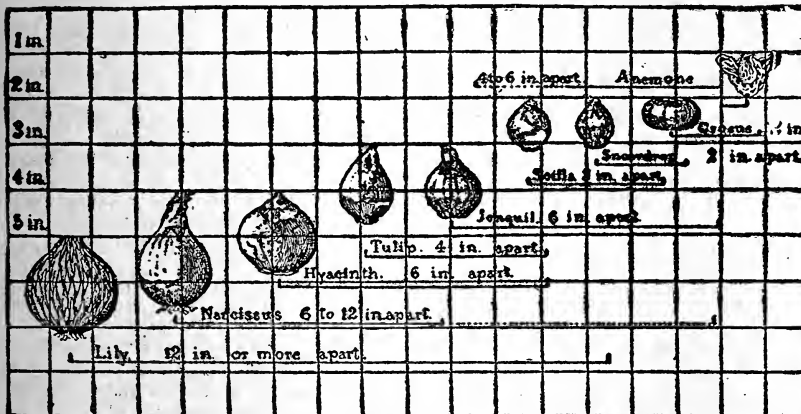
## Pure White Narcissus

About the most satisfactory house plant for winter is the Paper White narcissus. It is somewhat like the Chinese Lily, except that it is pure white in color. The bulbs can be planted in water or in dirt, as shown in this picture, and bloom very quickly. If planted in October they will generally be in bloom by December.

The bulbs are very sure to bloom and can be had very cheaply. They are already in and can be sent by mail at once.

**PRICES**—20c for 3, 75c per dozen, \$6.00 per 100, all postpaid.

## Depth and Distance to Plant Fall Bulbs



All of the so-called Dutch bulbs have to be planted in the fall, from September to December. They spend the fall and early winter in making roots, and then early in the spring shoot up into flowers very quickly. Any of these can be planted outside in the garden or in pots in the house. The drawing given shows the depth to plant them out doors and the distance apart. It is a safe plan to plant them as soon as you get them in the fall. All are hardy, and will stand the winter freezing and bloom as soon as the frost is out of the ground in the spring.

For blooming in the house, plant in ordinary flower pots, but do not cover deeply as you would outdoors. After potting them and watering well, put them away in the cellar where it is damp and cool and dark to make roots. This will take from six to ten weeks. Then bring them up to the light, and with warmth and water they will come into bloom very quickly.

After blooming in the house, the bulbs can be saved and planted outdoors for another year of blooms.

## Fall Bulb Collection

There are so many things among the Fall or Dutch bulbs that a person feels that they just must have, that it is a hard matter to choose. They are so easy grown. You don't have to fool with tiny seeds and then have bad luck getting them started. These bulbs throw up a strong, thrifty sprout and are blooming before you know it. The pleasing fragrance of the indoor bulbs reminds you that spring is coming, and the first flowers to show in spring are the tulip, crocus, narcissus and hyacinths.

You can't get too many of them, and in order that you may have a good variety and a reasonable price, I have made up a couple of collection. one for indoor culture and one for outdoors. I have made a substantial reduction in price, as you will note. You can add to either of them from the regular list or you can buy "half size." However, my advice would be to take the full-size collection as you will need them. Full planting instructions with each collection or half size collection, also an extra.

### Indoor Collection.

4 Hyacinths, Red.....	\$ .60
4 Hyacinths, White.....	.60
4 Hyacinths, Blue.....	.60
2 Chinese Sacred Lilies.....	.45
12 Paper White Narcissus.....	.75
2 Narcissus, Emperor.....	.20
2 Narcissus, Empress.....	.20
2 Narcissus, Dbl. Von Sion.....	.20
2 Calla Lily, White.....	.75
12 Tulips, Prize Mixed Single...	.55
Total .....	\$4.90
Special postpaid price.....	\$3.75
Half size, postpaid.....	\$1.87

### Outdoor Collection.

4 Hyacinths, R. ed.....	\$ .60
4 Hyacinths, White.....	.60
4 Hyacinths, Blue.....	.60
24 Tulips, Prize Mixed Single...	1.10
12 Tulips, Prize Mixed Double...	.60
12 Tulips, Darwin mixed.....	.65
25 Crocus, Mixed.....	.50
24 Narcissus, Mixed.....	1.50
Total .....	\$6.45
Special Postpaid Price.....	\$5.00
Half Size, Postpaid.....	\$2.68

Don't wait until next spring thinking you can buy these bulbs. Fall is the time and the only time you can plant them. Plant these for the first bloom in spring.

## Tom Watson and Kleckly

### Sweet

"Dear Sir: I am very much pleased with your seeds. I find they grow very well and are the best kind. We like most of the vegetables, but I feed my rabbits some too. You sent me some Tom Watson and Kleckly Sweet watermelons. I measured some of them and they are from a foot in length to a foot and one-half already, and it is only July yet. Your friend,"

—Robert E. Buchanan, Route 2, Box 26, Lebanon, Kansas.





## Price List of Registered Spotted Poland China Hogs

### For September, 1921

All hogs are thoroughbred, registered, vaccinated and guaranteed satisfactory on arrival or no trade. Papers will be furnished promptly. All are good individuals, good color, and good blood lines. All are registered in the National association and some of them are also registered in the Standard association. Shipments can generally be made promptly on receipt of order. The prices vary according to the size, age, and individual merit of the animals. The general range is as follows:

**Brood Sows**, guaranteed to be with pig, and showing heavy when shipped.

(All bred to our good boars for Sept. or Oct. litters)

According to size, age and quality-----\$65, \$75, \$85 and \$100

**Open Sows**, ready to breed any time now. (All guaranteed to be breeders).

According to size, age and quality-----\$50, \$60, \$75 and \$100

**Spring Gilts**, weight 100 to 200 lbs.

According to size, age, and quality-----\$40, \$50 and up

**Boars**, ready for service and all guaranteed to be breeders.

According to size, age, color, and quality-----\$40, \$50, \$60, and \$75

Tried herd boars, over 1 year old-----\$100 and up

**Young Herds, Pairs and Trios.**

We can always make up young herds, pairs and trios, no kin, and mated for best results, of any size, age, or quality you want.

**Young Pigs.**

We are booking orders for young pigs, to be delivered when about 12 weeks old, weaned, vaccinated and thrifty, as follows:

Pigs, either sex, about 12 weeks old, each-----\$25

Trio of 3 young pigs as above, boar no kin to sows, the 3 for-----\$75

Pair as above, boar and sow no kin, the two for-----\$50

**Our Guarantee**—We guarantee safe arrival by express of all hogs sold by us, guarantee all hogs to be as represented or no trade, and guarantee positive and prompt delivery of pedigree papers. If any sow sold as a bred sow proves otherwise, she can be returned at our expense and we will send another in her place of equal or better value, or we will refund one-third of the purchase price up to a total refund of \$100. All young animals are guaranteed to prove to be breeders with reasonable care, subject to the same alternatives in case of failure.

Our prices we believe are as low as can be expected for really worth-while breeding stock. We don't claim to be the lowest nor the highest, but we do claim to give you your money's worth, a square deal, and all the help we can afterward.

We advise National registry but can give you Standard if you desire. Everything we sell is registered in the National, but some also have Standard papers.

We can ship anywhere and have shipped as far as Oregon, but we do not ordinarily advise shipments of over 1,000 miles. We ship by express, which we do not prepay. You can estimate the express roughly at about \$1.00 per 100 lbs. for each 100 miles. We guarantee safe arrival.

I would like to have your order, for I know you will like this breed, and I now we can suit you. Go into the hog business and start with pure bred stuff.

If you are close enough so that you can, it will pay you big to come to one of our sales, for it will be well worth your while whether you buy any hogs or not. You will get to see and compare lots of hogs, and visit with other breeders who will all be there. There are always some bargains, too, and if you are there you can pick them up. Fall sales are September 20, and November 2.

If you can't come to one of the sales, I will be glad to sell you whatever you want at private sale and ship subject to your own approval. The price list gives prices on all ages and classes.



## "Kleaskin" Germicide Dip

Lots of people ask us how we keep our hogs healthy and thrifty. There are a good many reasons for it. One is that an abundance of alfalfa, shade, and clean water is provided for them. That goes a long way, especially in the summer time. Also, we always vaccinate the hogs against cholera when they are quite small.

I believe, however, that one important thing is the free use of a good germicide dip of some kind. Something that will keep the skin of the animal free from disease germs and in a healthy condition. Also, I have always thought that if the hog swallowed a little of the dip it didn't hurt him any and might do some good, although the dip is not intended for internal use, but simply for the outside.

We have had manufactured for us a dip of the regular government standard under the name of "Kleaskin" Germicide Dip. It is the best dip we have ever found or used.

Ordinarily in using it is diluted with 60 to 70 parts of water, so a few gallons of it will go a long way when being used.

We use this same dip for our horses and cattle and for poultry. It is good for any kind of livestock and also to sprinkle around the yard, pens, and buildings, as a general disinfectant.

Of course no dip is a "cure all", but a good, strong germicide dip of this kind will do a lot of good and I really believe is worth more than most medicine.

It is not expensive and is mighty good stuff to have on hands around any kind of livestock.

There are lots that you can buy, but this one we have found especially good and have had it put up in various size containers for our customers.

We keep it in stock here in Shenandoah and ship it right from here and it can go by either freight or express. It cannot be sent by parcels post.

It is of course cheaper in the larger containers and we advise buying it in fairly large amounts. Full directions of course come with the dip.

### Containers included

#### Prices per gallon

50 gal. Steel Drum-----	\$ .90
30 gal. Steel Drum-----	1.00
15 gal. Steel Drum-----	1.10
5 gal. Cans-----	1.20
3 gal. Cans-----	1.25
2 gal. Cans-----	1.30
1 gal. Cans-----	1.35

Prices are f. o. b. here customers to pay transportation charges.

No charge for containers.

## Come to Our September 20th

### Hog Sale

We are going to put on a big sale of hogs, September 20th. We have been working, getting ready for it for three months or more, and are going to have a dandy sale.

It will be in the big new sale pavilion, here in Shenandoah, right near the seed house, and those of you who were at our March sale will know what a fine place it is, altho, of course, it is fixed up a lot since that time.

We are going to put some bred sows into the sale, all of them bred for September litters.

They will be mostly tried sows and junior yearlings, the very pick of our herd.

Of course, we always sell and ship good stuff. We don't believe in handling anything else, but the very cream of what we have we put into our sales, and if you really want to see a fine bunch of Spotted Poland Chinas, come to this sale, whether you want to buy or not.

It will be a liberal education in the hog business, to see these hogs and visit with the breeders who will be here; and whether you want to buy any hogs or not, you will be well repaid for the visit.

Besides the bred sows, we will put in a few choice young boars, of blood lines different from the sows, so if you want to buy some sows and a boar, you can pick the whole bunch, here at the one sale.

Come and see the fun, whether you seriously intend to buy any hogs or not.

If you can't come to the sale, send a bid. You don't need to send the money with the bid. Just write and tell me what you want, your price limit, and I will see that the bids are honestly and confidentially handled, and the sow will be bought for you at just as low a price as possible. I will write or wire you the night of the sale, whether or not you get anything.

### Send a Bid for a Pig

If you possibly can't come to our hog sale Sept. 20th, I want you to be sure and send a bid. Of course I would rather you would come yourself, but if you can't possibly come, you can still buy a pig anyway if you are lucky.

I buy lots of pigs that way at sales myself. I just write to the owner or some fieldman or the auctioneer and tell him to buy me something if he can get what he wants inside my price limit. You are perfectly safe and always get a square deal.

So at our sale you can send a bid on any particular ones, or better yet, send a general bid on any good sow that will fill your requirements.

All you need to do is to write a letter telling about what sort of a sow you want, what age and size, what color, and about what your top price limit is. I will place this letter in the hands of



## A WHOLE PUREBRED HERD IN ONE YEAR

Last August I sold a bred sow to H. C. Kuhrt, Tripoli, Iowa, a pretty good sow, just about such a sow as we have in our bred sow sale. He bought her by mail, "sight unseen," asking me to pick her out for him, the same as we sell hundreds of sows every year.

The other day I got a letter from him telling of his success. In less than a year he has about 50 head of pure bred hogs from that one sow. A whole herd from one. Here is the letter:

*"I would like to inform you about 'Lady Lucile.' It hasn't been a year yet since I bought her of you. Her first litter numbered six, five sows and a boar. Four of these sows have pigs now and the other will farrow soon. Lady Lucile has her second litter, which numbers nine and they are splendid little things.*

*So in all we have 42 pigs and will probably have 50 when the other sow farrows all descendants of Lady Lucile within a year. Arch Back Lad is the happy father and he's heading our herd with pride."*

*Wishing you all kinds of good luck, I remain, Yours respectfully,*

H. C. Kuhrt, Tripoli, Iowa, Route 1, Box 105.

Isn't that worth while? Can't you do as well? I believe you can. There are dozens of sows in our sale just as good as the one Mr. Kuhrt bought, and I believe you are as good a hog raiser as he is.

What about it? Hadn't you better make the start right now? \$75.00 will probably get you a good sow in this sale. \$100 will be sure to get you a "crackerjack." If you can't come to the sale, "send a bid for a pig" and I will pick her out for you.

Henry Field.

one of the fieldmen, or with some good farmer, and have him use his own judgement in bidding for you. He will buy for you as cheaply as he can, and stop when your limit is reached.

If you get anything I will wire you the night of the sale and then you can send me your check.

As to what price to offer, that is up to you, as you know about how I am selling them on mail orders.

You will be treated right, and the sow bought for you as much under your price as possible, and if she don't look like your money's worth when you get her, you don't have to keep her. You know our guarantee. Its the limit.

Send along a bid and try your luck. You don't have to send the check till you see if you get anything.

### Hogs do Fine

*"I am writing in regard to the two sows I got from you in your sale August 24, 1920. I sure had good luck with them. They each raised me 6 pigs last fall and one 6 and the other 7 this spring, and the fall gilts are having pigs and one has 7 now. Yours truly,"*

—Herman Holtz, Avoca, Iowa. Rt. 1

## Our Spotted Hog Sales

We are arranging for a series of hog sales through the fall and winter and I am picking the dates and printing them in advance, so that you can be making your plans to come.

If you have been at any of our other sales, it's no use telling you what a good time everybody has at our sales. We always have a big crowd, and they have a big time, and everybody seems to enjoy it, even the pigs.

I want you to be sure and come to any one or all of these sales, for you can learn more about the Spotted Poland Chinas that way than any I know of. It will be well worth your while to come to the sale whether you want to buy any hogs or not.

Here are the dates:

Tuesday, September 20, 1921.

Wednesday, November 2, 1921.

Tuesday, February 14, 1922.

Tuesday, March 14, 1922.

Tuesday, April 11, 1922.



## Reduced Prices on Sorghum

### \$1.00 Per Gallon

When packed in the 2, 3, 5 and 10-gallon wood jacketed tin cans the price will be \$1.00 per gallon, with no charge for the cans. These can be shipped all right by either express or freight.

The smaller sizes sell at \$1.00 and 55c for the regular so-called gallon and half-gallon syrup pails, but which really are 10-pound and 5-pound.

We also have full gallon and half-gallon square cans with screw top and packed in special fibre cartons, which sell at \$1.20 and 70c, on account of the extra expense of this style of package. There is also a quart can at 40c.

Any of these can be sent by parcel post anywhere, or can be crated and shipped by express or freight. You pay express, freight or postage charges.

All the above prices include the containers without extra charge. If you come after the sorghum and furnish your own containers, we make a special price of 95c per gallon.

Orders already booked at higher prices will be filled at reduced prices.

## Time Yet to Sow Alfalfa

I have talked alfalfa to you until I am pretty near tired of talking, but I am going to keep it up until every farmer in the country has a patch of alfalfa. I really believe that within twenty years alfalfa will be as common in Iowa, and Illinois and Missouri, as it is now in Kansas and Nebraska. The only reason they beat us to it was because they had hard work raising corn and clover, and had to hunt for some other crop.

We have been fairly prosperous with corn and clover and haven't felt the need of other crops, but the men who are trying alfalfa and making a success of it find that it is as much of an advantage here as it is in Kansas and Nebraska.

Everyone agrees that early fall or late summer is the best time to seed it. Here in Iowa my advice would be not to risk it later than September 15th, but as you go south, you can put it in much later. In many parts of Missouri it could be seeded as late as October 1st. By all means, however, get your ground in good condition. You will be throwing the seed away, if you don't and be sure to get the best possible seed.

I will be glad to send you a free sample of alfalfa seed at any time and will sell you the seed subject to the test and approval of any state college or government experiment station. I am not afraid to put my seed up for a test any time.

## Hen Jewelry

### Aluminum Adjustable Legbands



PRICES:—12 for 20c  
25 for 30c, 50 for 45c,  
100 for 75c, all postpaid

These are the latest style, pure aluminum, adjustable to any size poultry, numbered 1 to 12, 1 to 25, and 1 to 100. We carry a good supply in stock all the time and send them postpaid at prices named above.

### Petty's Poultry Punch



For marking little chickens in the web of the foot. Price 35c each postpaid.

### Winter or Perennial Onions

Winter onion sets should be planted in the fall. It is next to impossible to carry them over in good condition for spring planting. In the fall the sets are fresh and plump and if planted then will make an early start in the spring.

Select some out-of-the-way place in your garden to plant them, for they are a perennial and the bed will not likely be disturbed for years. Like other garden crops, they like rich soil, and if planted on such will come earlier and make better onions. The sets of the winter onions grow in bunches. These bunches should be broken apart and the sets placed about three inches apart in the row. These rows should be about one foot apart.

These onions spread from the crown and in time you will have a good-sized clump from one set. They do not form a bulb as other onions do, but are used as green onions only. They are extremely hardy and early.

We can furnish them in small quantities at 25c per pound, postpaid. In larger amounts, to go at customer's expense, 15c per pound. In lots of one-half bushel or over at \$3.50 per bushel, transportation to be paid by customer.

### A Great Time to Sow Alfalfa

It's the best time to sow alfalfa I ever saw. The ground is in good condition everywhere, full of moisture and nice to work. We are selling three times as much alfalfa seed as we ever sold before. Partly because of big demand and partly because our price and quality are right.

## Alfafa Needs Good Soil

Because alfalfa benefits the soil, adding nitrogen and humus, many farmers have the idea that this crop will make a successful growth on any kind of soil, no matter how poor it is. Dealers should correct this wrong impression and impress the fact upon farmers that good yields can only be obtained on fertile soils. Although the alfalfa plant collects nitrogen from the air and stores it in the soil, yet certain elements of plant food must be present or the alfalfa plant cannot make a satisfactory growth and produce a good crop of hay. Not only must the nitrogen gathering bacteria be present in the soil, but also a proper amount of available plant food or the farmer will be disappointed in the resulting yield.

Experience has proved that one of the best fertilizers that can be used for alfalfa is common barnyard manure, applied at the rate of eight or ten tons to the acre. If sufficient manure is not obtainable, some suitable commercial fertilizer may be used to make up the required amount.

### Winter Vetch

The more I see of Winter Vetch the better I am pleased with it. I believe it will eventually be as common on our farms as clover and alfalfa. It will improve the ground as well as either one of them and you get quicker action. It will do fairly well sown in the spring, but does much the best sown in the fall like Winter Wheat. It is as hardy as Rye, will grow all winter and make a big crop very early in the spring. It can either be cut for hay or plowed under for green manure or both.

### "Kleanskin" Germicide Dip

Manufactured especially for us and the best we have ever found. It is what we use ourselves.

H. F.

Disinfect your premises and prevent disease. A reliable coal tar animal dip and disinfectant for extermination of parasites, lice, ticks, fleas and many other insects. One gallon makes 70 gallons of dip. Costs about 2 cents a gallon ready to use. Directions on package.

Containers included.

Prices per gallon.

50 gal Steel Drum	-----	\$ .90
30 gal. Steel Drum	-----	1.00
15 gal. Steel Drum	-----	1.10
5 gal. Cans	-----	1.20
3 gal. Cans	-----	1.25
2 gal. Cans	-----	1.30
1 gal. Can	-----	1.35

Prices are f. o. b. here. Customers to pay transportation charges.

No charges for containers.

Henry Field Seed Co. Shenandoah, Ia.



This picture was taken when we were threshing Hubam the other day in our big field back of the old Sorghum Mill at No. 3 building. We have a 50 acre field there. We have 130 acres in all the fields. This was cut with a grain binder, shocked, and then threshed with a Case separator. Recleaned and scarified later. Works fairly well. Notice we use a tarpaulin on the rack to save the shattered seed. Notice the size of those shocks and how thick they stand. Some crop. Will make 10 bushel of seed per acre.

## Sale Went Fine

Our Hog Sale August 23d went off in good shape. We did not get any big prices, but we did not expect to. They sold worth the money and everybody was satisfied and happy.

We sold 87 bred sows at an average price of \$67.60 and 23 spring pigs at an average price of \$43.00.

The highest spring pig sold at \$60. and the lowest at \$35.00. The highest sow sold at \$125.00 with 8 in all above \$100 and the lowest about \$50. The most of the good sows sold around \$75.00, but as I said before 8 sold above \$100.00 and quite a number sold around \$50.00 and \$60.00.

Our next sale, September 20th, we expect will sell about the same way and if you can I want you to come to the sale. If you can't come to the sale send a bid and I will have someone buy for you.

## That 35 Acre Farm

We have had a lot of inquiries about that 35-acre farm, but no one has bought it yet. It is priced worth the money and a bargain for somebody who wants a small farm near Shenandoah.

Of course, the principal drawback has been that there are no improvements on it, but now the front 53 acres which was originally part of the same farm is for sale, and has nice improvements on it. The whole thing ought to be sold together. This is an 88-acre farm of good land, with good improvements and it can be bought worth the money for the owner of the 53 acres has recently lost his wife and he intends to sell out quick. Let me know if you are interested.

## Hubam in Wyoming

"Dear Sirs: Lost about half my acreage of Hubam by flood. That which is left is doing nicely. Started to bloom about July 12th. Is now very heavily in bloom. Plants average about 5 feet tall, some about 7 feet. Have a most excellent stand. Yours truly,"

—R. H. Small, Basin, Wyoming

## Spotted Hogs

"As I have a little time, I thought I would drop you a few lines and tell you about my hogs I bought from you last year. They are doing fine and are looking good. Sold most all my male pigs last spring.

I have a nice bunch of pigs this year which I am going to enter in the County Fair this fall. I had a veterinary say that I had the best boar he had seen anywhere.

Do you have any hog oil that will not stain the white spots? If you have, what is it worth? Yours truly,"

—Simm Dunn, Alexis, Ill.

## Likes Our Hogs

"In regard to the hog, I am perfectly satisfied with the price you ask for him and am more than pleased to mail you a check of \$25.00 for balance due on him. I think he will make a great hog.

Thanking you for your honest and manly way of doing business and wishing you all kinds of success in the future, will close."

Yours

—H. E. Duplar, Thornville, Ohio

## Grimm Alfalfa in Illinois

"Dear Sir: Am going to tell you about the Grimm alfalfa seed I got from you last year, which certainly done fine. I got 19 big loads from the first two cuttings, expect to cut another crop this month. I think the Grimm alfalfa is the only alfalfa to sow. This 19 loads of alfalfa was taken from 5 acres. Will say when I am going to sow more alfalfa will order from your seed house. Yours truly,"

—John Warlen Jr., Griggsville, Ill.

## Our Corn in Wisconsin

"Dear Sir: The corn grown from the seed we got from you for silage is twelve feet high and ears above my reach. If this weather lasts the corn will be dandy too. Yours truly,"

—Mrs. Blain E. Crain, Elmwood, Wis.

## Spotted Pigs

"The two gilts arrived in fine shape and I must say I am certainly well pleased with them. They are so big and healthy too. We will give them the best of care. We can see that you are aiming to do your best to suit buyers of pigs as well as seed. Thank you. Respectfully,"

—Mrs. W. H. Rahlfs, Arlington, Nebr. Rt. 1

## Hubam Clover in Oklahoma

"Dear Mr. Field: I planted one ounce of Hubam clover this spring, in rows and cultivated it. It is now 9 feet high, covered with seed from bottom to top."

—Mrs. A. J. Roe, Edmond, Okla. Rt. 1

## Hubam 3 Feet High on

## Wheat Stubble

The ultimate use of the New Giant Annual Sweet Clover, Hubam, will probably be mostly as a legume crop to sow with small grain just as we sow Red Clover.

The advantage over Red Clover will be that it will make an enormous growth the first year and we can get the results we want in one year instead of in two.

One of our neighbors this year sowed several acres of it in his winter wheat in March, using about 10 pounds of seed per acre, possibly a little less than that.

His wheat was pretty heavy and thick and the Hubam did not make much of a show the first part of the season, although it was apparently there and a good stand.

When the wheat was cut the Hubam was just high enough to get caught in the sickle occasionally, although he run the sickle as high as he could.

After the wheat was off, however, it started growing rapidly and when I was in his field about the middle of August, the Hubam stood about 3 feet high, was very thick and heavy and it is certainly a wonderful crop.

If cut for hay it would have made two or three tons per acre of beautiful hay, or it would have made endless pasture for cattle or sheep or hogs. It would make an enormous growth of rich, green crop to plow under.

Part of the field had been limed and part of it had not and it was quite noticeable that the Hubam was much better where there was plenty of lime in the soil.

At that time, the middle of August, the Hubam was still making heavy growth and probably by frost will be 4 feet high and will have matured a seed crop, as it already is quite heavily set with seed.

Now if we can get a crop like this every year sown in our winter wheat or in the oats, we will have something better than Red Clover, and we can save one year on the rotation, as we can go right back to corn the next year with only one year out for small grain and clover instead of two years, as has always been the custom.

Get a few pounds of the seed and try it on your oats or wheat next spring and see if it don't do lots better for you than Red Clover. The price is now \$2.00 per pound.

## Hubam Clover

"Dear Sirs: Did I tell you about the Hubam? Well, it is doing quite well. Some of the plants are four feet high and will soon have ripe seed. (Ninety days from seeding)

Thanks to you and at your service whenever needed, I am, yours truly,"

—Frank J. Damon, Dawson, Nebr.

## "Hubam Catechism"

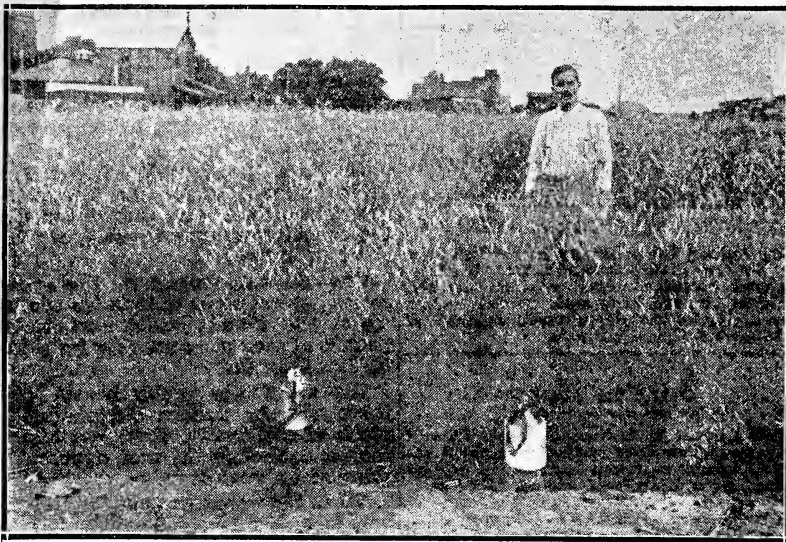


Photo July 7th, Only 90 Days From Seeding

### Q. What is Hubam anyway?

A. It is an annual legume and the best we have met up with in many a day. It makes its growth all in one season, yielding as much in that time as is produced from the biennial White or Yellow in two years' growth. The plant has been known to the world only the past three years. We are indebted to Prof. H. D. Hughes, Iowa State College, Ames Iowa, for bringing it into commercial prominence. But it seems to have been growing this long while in five or six counties, called the Black Belt, a limestone section in Alabama.

### Q. What is it good for?

A. The simple statement, that this is a legume, should answer the question. It can be used for pasture, plowed under as green manure or as a hay crop. It can be seeded real early in the spring on fall wheat or early in the spring at oat seeding time with your oats and after you have taken off your grain crop, providing you have limed your soil or providing your soil is sufficiently supplied with lime, you can expect at least three and one-half feet of growth which can be used in August for hay, pasture, or to be plowed under. It can also be used as a leguminous hay crop for a renter. We had a yield this year of between three and four tons dry weight in three months, of as fine a hay as you ever saw. It is apparently equal to the best alfalfa hay, cures readily, stock seem to like it first rate.

### Q. You say stock seem to like it?

A. It makes the finest kind of pasture and it makes fine hay, too, when cut about three months after seeding. It is not coarse and especially not when seeded thick and all the stock we have tried it on relish this as pasture or hay and are doing

first rate on the ration and why shouldn't they. It is a splendid legume, one of the very best, we find.

### Q. Is it better than alfalfa or the ordinary biennial sweet clover?

A. I don't believe we should say it is better than any crop. There is a place for Hubam and there is a place for the biennial and from working with this crop the past three years we believe it is absolutely the best legume in its class.

Of course, alfalfa is second to none. It is a perennial and especially as a hay crop it is a wonder. On the other hand, the biennial White and Yellow sweet clover have their place in our system of rotation. They are biennials and while they make a fairly rapid growth the first year, the main talking point is the large amount of hay, pasture or green manure developed the second year and a seed crop as well. But with the Hubam it's the quickest growing legume we know of and seems to have an entirely different manner of growth. Note the photograph at the head of this page. The leaves are borne clear to the ground, quite unlike the ordinary biennial. You will also note the immense amount of blossoms, which means bee pasture.

### Q. Why are the bee men so enthusiastic over Hubam?

A. Well, it is chiefly because the bee pasture is so abundant and so early and at the same time it lasts clear up to the middle of September. The honey flow is wonderful and the quality of the honey is par excellent, in fact, our honey is grading water white, which means A-1. We have about ninety colonies this year on our 135 acres of Hubam and the little fellows seem to be working day and night and Sundays, too.

### Q. How long does it take to make a crop?

A. It depends largely on just what kind of a crop you intend to make out of it. If it is your idea to plant it in the spring, all alone to plow under in the fall for green manure, do the plowing under in August. Then if you want hay I would sow it early, in fact, we emphasize early sowing, regardless of what crop you desire. But especially so for hay. It could then be cut in June in time to fit the ground for alfalfa seeding in August. Or you could wait and cut it about the forepart of July, as we did some of ours and get between three and four tons, dry weight, or about nine and one-half tons green weight. As a soiling crop the green Hubam would be fine for the intensive dairy farmer. Then if you want a seed crop allow four months to four and one-half months time. We have cut a bit of ours now and will commence on the rest right away. We simply had to lay off of the Hubam long enough to prepare for our hog sale and to fix up our Sorghum Mill, for the cane is about ready, too.

### Q. How does it yield? Will the yield of seed be more than from the biennial? Likewise with the hay?

A. We are of the opinion that the one year's growth of Hubam will out-yield two years' growth of the biennial, either green weight or dry weight. When it comes to seed, we had 500 pounds of hulled and scarified seed last year per acre and it looks as though we are going to beat the yield per acre this year, even though we have a great many more acres this year than we had last year and could not give each individual acre the close attention it had last season. With the seed selling at \$2.00 per pound, as it is now, it is a very profitable crop. Last year it sold for \$10 per pound, so made a gross return per acre of \$5,000. But we happened to be the only seed house in the world handling the seed and that is how we happened to make the scoop.

But even if the seed should retail as low as 15c per pound, it will be found a very profitable crop, for \$75 per acre is not to be sneezed at any year.

### Q. Where will it grow? Is it choicy as to land conditions?

A. Our Hubam seems to grow everywhere. We have had orders from all parts of the world and I believe from every state in the union. One customer of ours in Italy wrote us that last season they had the worst drouth they have had in several years and the Hubam grew on unconcerned and made a wonderful growth for them. A friend of ours in Australia is delighted and is in the market for quite a quantity, having tried a few ounces last year. We are shipping seed to the Hawaiian Islands, to Scotland and Canada is simply all enthused. The fact is, this is certainly a wonderful crop for Canadian conditions.

To HENRY FIELD SEED CO., Shenandoah, Ia.

Shall we fill exact amount ordered and adjust price later?-----  
Or shall we fill the amount of money sent?-----If out of the variety  
ordered do we have your permission to substitute equal or better in the  
nearest we can supply?-----

**Please Answer Above Information Each Time You Write**

**Your Money's Worth or Your Money Back**—It is mutually agreed and understood that any goods ordered of us may be returned at any time within ten days after receipt, if not satisfactory, and money paid for them will be refunded, but we do not and can not in any way warrant the stand or the crop, as they depend on so many conditions beyond our control.

Henry Field Seed Co.

	\$	cts.
Total Am't of Order Paid in	---	---
P. O. Money Order	---	---
Express Money Order	---	---
Draft	---	---
Check	---	---
We like checks	---	---
Currency	---	---
Silver	---	---
Paid in Stamps	---	---
Total Am't Paid	---	---
Please Don't Write Here		

[illegible]

## Feet High

full growth of being about 7 feet and from top to bottom seeds. This is the garden at the I planted the first of. Hughes, and every year from s from shattered

eeding is an im-  
all our big fields  
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going to disk them  
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er crop next year

We know it will  
it on one field this  
very fine crop  
it.



# "Hubam Catechism"

Q. How long does it take



Q. What is it?

A. It is an alfalfa, the best we have in the world today. It makes a good hay crop, yielding as much as is produced from any other plant. It has been grown only the past three years, but it seems to have been in this long while it has been called the Black Alfalfa in Alabama.

Q. What is it?

A. The simple alfalfa is a legume, showing a trifoliate leaf. It can be plowed under as a hay crop. It can be sown in the spring or in the fall, and after your oats and after your grain crop, limed your soil, the soil is sufficiently rich you can expect at least half feet of growth in August for hay plowed under. It is a leguminous hay. We had a yield of three and four tons in three months, of a hay we ever saw. It is the best alfalfa stock seem to like.

Q. You say so?

A. It makes the best pasture and it makes a good hay when cut about the middle of the season. It is not so good when the stock we have this as pasture or

## Henry Field Seed Co.

"From Iowa and proud of it"

**Iowa's Leading Seed House**

**Shenandoah, Iowa**

FROM	TOWN	STATE



But take our own land right here in the Nishna Botna Valley of southwestern Iowa. Our fields need liming and we find that where we use a ton to a ton and one-half per acre of ground limestone, the crop has paid us many fold. But even on unlimited land it makes a very worthy growth and we're satisfied that Hubam is a universal crop and is not absolutely subject to soil conditions. There are crops, however, as you well know, subject to soil conditions. We are firm believers in lime regardless of what crop you are using, unless it would be potatoes. Fall wheat needs it and so do all the legumes. We are buying ground limestone for about \$2.00 per ton laid down in Shenandoah.

**Q. What are the objections to Hubam?**

A. The only objection we can find so far is not enough seed to go around. We sold clear out last year even at \$10.00 per pound and it looks as though we are going to sell out this at \$2.00 per pound. Never saw such interest in one single crop before, not even in sudan or soy beans, which are the two newest additions to our field seed line.

**Q. How should it be planted, drilled or broadcasted and when?**

A. Since the seed has been high in price we drilled it in rows 18 inches apart. In fact, we had about 70 acres in rows that width and about 70 acres in rows 36 inches apart. We are quite partial to the closer planting and as soon as the seed becomes cheaper in price, will use the ordinary grain drill and drill the Hubam in just as early as we can work the ground in the spring. Or, sow it broadcast on some of the early snows in the spring and use in either case about 12 pounds per acre.

We got along with only one pound per acre, using an Iron Age combined drill and double wheel hoe, such as we offer at \$18.00, having the rows 18 inches apart. In fact, we used only 12 ounces on some acres and have a splendid stand to show for it. The cut at the top of the page is from a field seeded at the rate of 16 ounces per acre. If you could plow under a piece of sod ground, that would be ideal for Hubam, especially as a seed crop. But any good, clean piece of ground will suffice. We used to think that some commercial fertilizer was necessary, but we're of the opinion, at least for our type of soil, that lime and inoculation is all this legume needs. It will do the rest and does it in a hurry. This year while the seed is selling at \$2.00 per pound I would have it in rows and cultivate and grow your own seed for the years to come. Think of seeding this year with as little as four pounds per acre and obtaining a yield of five or six hundred pounds for each acre. You see a few acres will take care of a much greater planting the following season. We are going to use four pounds next year at least,

and on some fields will use 8 pounds to see if there is any difference. One could easily afford to spend \$8.00 for the seed if he could get five or six hundred pounds back from his investment. Even if the seed should retail next year as low as 15c per pound, that would mean a gross return of \$75.00. It is our belief that Hubam will sell for a much greater price than that, for the entire world is becoming interested and even today one man in ten does not know what Hubam is nor has never heard of it. The field seems to be unlimited.

**Q. When and how should the crop be harvested?**

A. You will begin to notice an abundance of blossoms the latter part of June and ripe seed about the middle of July. Of course, this first seed will be shattered off, but the plant will become heavily laden with seed and bloom until frost. It's a good idea in this latitude to cut the crop for seed in September, as late as you dare wait. We have harvested about six acres of ours already and this article is being written on August 23d, 1921. It was a very early planting, however, and the bulk of our spring planting will be ready late this week and the forepart of next. We are harvesting our crop with a grain binder. It will be well if you will send to the United States Department of Agriculture for bulletin No. 836 entitled, "Harvesting and Threshing Sweet Clover Crops." They tell you how to make the pans to save the seed which would otherwise be lost through shattering. These pans can be made to fit any regular grain binder. It is best to shock up the bundles putting about 8 or 9 in a shock, without a cap, and allowing it to stand out this way for about a week. Of course, on a small patch the harvesting can be accomplished with a scythe. I would do this in the evening while the dew is on. Get the crop in under cover as soon as you can, however, if it is left out in this shape. There is a machine in the process of perfection now which will remove the ripe seed from the plants and will save all the work of cutting and then threshing. We hope some of these days to show a photograph of this machine in Seed Sense and perhaps have the machine to sell you. We are very enthusiastic over the principle and as with the increased acreage of sweet clover, we believe such a machine is badly needed. We have such a machine here at Shenandoah now and mean to give it a thorough try-out next week. We will probably have more to say about this harvester another season, as it would be too late now anyway to do much good.

After the crop has been cut with a binder and ready to thresh, put it through an ordinary grain separator, perhaps removing some the concaves, then clean the seed as much as you can to remove the sticks and leaves,

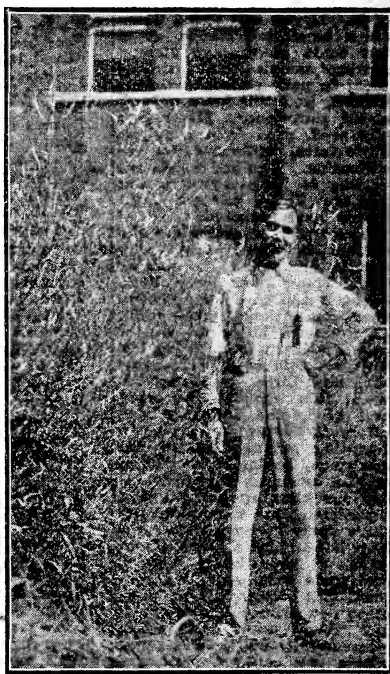
run it through a huller and it is then ready for distribution, unless you prefer to have it scarified to bring up the germination. We shall scarify every pound of ours. It makes the germination better than 96 per cent.

**Q. When shall I order seed?**

A. We will have new crop to offer you any time from the middle of September on and I would say the sooner the better. The supply is short, especially of genuine, certified seed of known origin and ours was all grown right on our own farm, so this is pure and genuine, coming from the original 50 seeds from Ames, our state experiment station.

**Q. What will it cost?**

A. We offer the seed at \$2.00 per pound retail in small lots. On larger lots write us and we will do whatever is right.



**Hubam 7 Feet High**

This shows the full growth of about 5 months, being about 7 feet high and still loaded from top to bottom with bloom and seeds. This is the original row in the garden at the seed house where I planted the first 50 seeds from Prof. Hughes, and have kept it coming every year from volunteer seedlings from shattered seed.

This volunteer seeding is an important point. All our big fields this year are covered with shattered seed, and we are going to disk them late this fall and leave them to come up with a volunteer crop next year without reseeded. We know it will work for we tried it on one field this year and raised a very fine crop without replanting it.

## Pure Seed Question

There is no bigger question before the farmers right now than that of pure seed. The country is rapidly getting filled up with bad weeds, and unless we can call a halt somewhere, it will soon be an impossibility to get really good seed. The trouble is, so many farmers will buy inferior grade of seed because of a little difference in the price. They think it is all about the same and one lot is higher because the holder wants more profit. Now, the fact is that the big profits are made on the low-grade seed. It is easier to take seed worth \$8.00 wholesale and retail it at \$12.00 than it is to take seed worth \$12.00 wholesale and retail it at \$15.00. Any dealer will tell you so, if you get him to admit the truth.

Now, here is what I am getting at. There is no sense in buying poor seed and no need of it. If you will spend \$1.00 on a small microscope, or a few cents on postage stamps getting samples and sending them to your state experiment station, you will learn a heap about pure seed. Don't buy any seed, even from a neighbor's farm, without strict examination. The bad weeds are getting to be everywhere and you are liable to get them where least expected.

The worst offenders are the dealers in small towns who handle grass seed as a side line. They know very little about it and care less, just so they can make a good profit on the seed. There are wholesale dealers who are looking for just this kind of customers, and they load them up with this devilish imported cull seed, and the merchant offers it to the farmers at a tempting price. The regular seedsmen, having a knowledge of the business, fine machinery for cleaning seed, and a reputation to maintain, are more likely to have pure seed. Now listen: Get a sample from each of your home dealers, and some from regular seedsmen. Send them all to your state experiment station, or get them under the glass yourselves, and then buy where you can get seed free from weeds. Buy only on a guarantee of purity. I will gladly furnish a sample of mine for this test.

**You get more real seed to the dollar in the high grades, anyway, to say nothing of the freedom from weeds. The low grades are full of seed trash.**

In one sample of clover seed lately that was being offered by an implement dealer in a small town at \$12 per bushel, I found two kinds of dodder, two of dock, three of thistle (including the dreaded Canada thistle), both kinds of buckhorn, and a lot of weed seed that I don't know, and I hope I never will know. As a rule, the implement dealers in the small towns are the worst offenders, as they are not posted on seed, but many seedsmen, who ought to know better, are sending out such stuff. It ought to be made a penitentiary offense. I told one seedsmen friend of mine

# Wholesale Net Prices September 15 1921

GOOD TO SEPTEMBER 30, 1921. (SUBJECT TO BEING UNSOLD)

Address all orders to **HENRY FIELD SEED CO., Shenandoah, Iowa**

**We Want Early Orders**—So we have made these prices very low. We have the seed in the house, bought right, and up to Sept. 30, if it lasts that long, we will sell at these prices. When it is gone and we have to buy more at higher prices, you will have to pay more. Better buy now while the buying is good. Write for special quotations after Sept. 30, or send order and I will fill at lowest price.

**Time Limit.** Note that these prices are good only till September 30, 1921 and if you do not buy in that time you should write for our new prices. We reserve the right to cancel these prices when stock on hand is sold.

*These prices are f. o. b. Shenandoah, customer to pay the freight. If you want delivered prices we will make a special estimate for you on request.*

**No extra charge for sacks, except for wheat and rye. All other seeds sold "sacks weighed in." Remember this when comparing prices.**

*Prices are strictly net, spot cash; no discount.  
Safe arrival guaranteed. We guarantee that  
all seeds will reach you in good order.*

**Sold on approval.** These seeds are priced and sold with the understanding that if not found strictly satisfactory they may be returned at our

expense and your money will be refunded. You can be the judge of quality.

Reference. First National Bank of Shenandoah, Iowa.

**Free Samples.** We will gladly send free samples of any kind of seed quoted here.

**Subject to Sale.** All prices are subject to stock being unsold on receipt of order.

**Your Money's Worth or Your Money Back.** It is mutually agreed and understood that any seeds or other goods ordered of us may be returned at any time within ten days after receipt if not satisfactory and money paid for them will be refunded, but we do not, and cannot in any way, warrant the crop, as it is dependent on so many conditions beyond our control.

**HENRY FIELD SEED CO.**

(Every item is extra fancy grade unless specified otherwise.)

	Per 100 lbs. per bu.	Per 100 lbs. per bu.	Per 100 lbs. per bu.	Per 100 lbs. per bu.
<b>Alfalfa (Dry land northern grown, hardy)</b>				
Poor but Honest	15.00	9.00		
Mixed Hardy, second grade	20.00	12.00		
Montana Grown, Common	28.00	16.80		
Kansas-Nebraska first grade	25.00	15.00		
Dakota Grown, Common	28.00	16.80		
Dakota No. 12, extra hardy	30.00	18.00		
Grimm	60.00	36.00		
Cossack, Super hardy	\$1.10 per lb.			
<b>Timothy and Timothy Mixtures (45 lbs per. bu)</b>				
Timothy, best home grown	6.60	3.00		
Timothy-Alsike Mixture	13.00	5.85		
Timothy-Red Clover Mixture	13.00	5.85		
<b>Clover Seed (60 lbs. per bu.)</b>				
Medium or Common Red	23.33	14.00		
Mammoth Red	24.16	14.50		
Alsike	23.50	14.10		
White Dutch	48.00	28.80		
Crimson	14.00	8.40		
<b>Sweet Clover (All hulled and scarified)</b>				
White Biennial	15.00	9.00		
Yellow Biennial	15.00	9.00		
Hubam (Annual White)	\$2.00 per lb.			
<b>Blue Grass</b>				
Kentucky Blue Grass	41.00	5.74		
Canadian Blue Grass	35.00	4.90		
English Blue Grass	25.00			
<b>Other Grasses</b>				
Italian Rye Grass	15.00	2.10		
Perennial Rye Grass	15.00	2.10		
Bromus Inermis	18.00	2.52		
Red Top, fancy solid seed	25.00	3.50		
Red Top, unhulled or rough seed	15.00	2.10		
Orchard Grass	25.00	3.50		
Bermuda Grass	60.00			
Lawn Grass Mixture	40.00			
Permanent Pasture Mixture	16.00			
Permanent Meadow Mixture	16.00			
Lowland Pasture Mixture	16.00			
Woodland Pasture Mixture	16.00			
<b>VETCH-WINTER</b>	15.00	9.00		
<b>DWARF ESSEX RAPE</b>	10.00			
<b>SUNFLOWER SEED</b>	10.00	2.40		
<b>SUDAN</b>	7.50			
<b>HOG PASTURE MIXTURE</b>	10.00	5.00		
<b>KAFFIR CORN AND MILO MAIZE</b>	3.50	1.96		
<b>FETERITA</b>	5.00	2.80		
<b>FODDER CANE</b>	3.00	1.50		
<b>SYRUP CANE (several varieties)</b>	15.00	7.50		
<b>SUNRISE KAFFIR</b>	8.00	4.48		
<b>Fall Grain</b>				
Kanred Wheat				
Rosen Rye				
Common Rye				
Jute bags weighed in. Seamless	35c extra per			
bag holding 2½ bushels.				
<b>Millet (50 lbs. per bu.)</b>				
Golden	4.50	2.25		
Common or Fodder	4.00	2.00		
<b>Small Grain</b>				
Buckwheat	4.60	2.21		
<b>Broadcast Seeders</b>				
Cyclone, each			\$2.50	
Little Wonder, each			2.00	
<b>We Sell Inoculating Bacteria</b>				
We can furnish inoculating bacteria for any of the legumes, and carry it always on hand here in two leading brands, the Standard and the Nitragin. It is especially made up for each of the leading crops, such as Alfalfa, Sweet Clover, Alsike, Red Clover, Soy Beans, Garden and Navy Beans, Cow Peas, Garden Peas, etc. Specify what seed you want it for. 1 acre size plenty for 20 lbs. alfalfa, sweet clover, etc., or for 90 lbs. Beans and Peas. Full directions with each package.				
<b>Standard (bottles)</b>			<b>Nitragin (in cans)</b>	
Garden size	.45		Garden beans only	.30
1 acre size	.75		1 acre size	.50
2 acre size	1.40		1 acre size	1.00
4 acre size	2.25		2 acre size	1.80
6 acre size	3.00		5 acre size	4.00
			10 acre size	7.50
(Add 5c per bottle or can for postage)				
<b>Be Sure To Plant</b>				
<b>KANRED WHEAT</b>				
<b>This Fall</b>				
<b>Only \$2.00 per bushel for certified seed</b>				

These are wholesale prices, good for amounts of 10 pounds of a kind, or over. Add 2c per pound for amounts of 5 to 10 pounds. Add 5c per pound for amounts below 5 pounds.

that he ought to get 60 days for selling such stuff. But he insisted that the farmers wanted something cheap and he had to give them what they wanted.

Wanted.  
If that's the case, all right, but you'll have to go to him for it. I won't sell it. The seed I offer is subject to inspection and test. If it doesn't look good when you get it, ship it back at my expense and you can have your money

back. This applies to all kinds of seeds. I have mentioned clover as the most important.

### Seed on Approval

All our seeds are shipped subject to your own test and approval, or test by any State Experiment Station and if not found first class it may be returned to us and the money will be refunded. We do not guarantee the crop, we can't do that, but we allow you to

be absolutely your own judge as to the purity and quality of the seed.

**Amt. Seed per Acre**

Clover and Timothy	15 to 20	lb
Alsike and Timothy	15 to 20	lb
Red Clover	7 to 12	lb
Alsike Clover alone	4 to 6	lb
Alfalfa	12 to 20	lb
Sudan (broadcast)	20 to 40	lb
Sweet Clover	12 to 15	lb
Timothy alone	10 to 15	lb